## ARUBA

Lago Oil & Transport Co., Ltd.

Aruba, Netherlands Antilles



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Kingdom Commission delegates are welcomed here at Lago's General Office Building on March 21 by Management Committee members. (See Pages 4 & 5).

Delegados di Comision di Reinado ta ser yama bonbini aki na Lago au Oficina Principal Marri 21 door di Gerencia Ehecutivo. (Mira paginas 4 y 5).

#### Trabao Conhunto, Habilidad di Hopi Ta Repara D2AR den Tempo Record

Un demonstracion excelente di loke cooperacion den grupo, planeamento y capacidad por logra, a worde duná durante e reciente revision general di e planta pa Hydrodesulfurisacion di gasoil pisá (D2AR) den un tempo record: 6 dia (for di e punto di saca zeta y pone zeta bek).

E sistema di team pa e revision general a logra cooperacion di trahadornan di Process-HDS, Planeamento, Revision y Empleadonan di Shop di Departamento Mechanical, divisionnan di Ingenieria di Mechanical, Materialnan y Technical su Ingenieria di Proceso, y esnan cu ta pertenece na un grupo specializá di Compania California Catalyst. Nan a traha oranan largo, y wardanan especial pa logra e revision general, cual tabata bao direccion general di e Coordinador di Revision pa D2AR, Joe

Despues cu a baha e unidad di un manera eficaz y eficiente sin ningun contratiempo, cada miembro di ■ grupo a recibi un encargo specífico cu un fecha riba cual cada trabao mester tabata cla. Usando un horario segun e sistema di e paso crítico, progreso di cada trabao a keda vigilá cu atencion.

Tabata necesario pa traha tres warda pa asina completa e obra, inclusivo cambiamento di dos grupo di tubo pa grupo nobo di metal titanio, saca y limpia tres otro grupo di tubo, y renoba tur tubonan den un otro grupo di tubo; raspa carbon for di un fogon y percura pa servicio di un compresor. Durante henter e trabao di revision general tabatin empleado di Seccion di Inspeccion presente pa inspecta materialnan y equipo.

Algun di e trabaonan cual cuarenticinco artesano di Mechanical a haci a exigi esfuerzonan especial, tal manera preta boltsnan grandi riba cabez di e "heat exchangers" pa resisti un presion di prueba di 1100 liber. E artesanonan di Mechanical tambe a haci trabao preparativo door di traha stelashi y opera

### Lago Scores Another First Place In the Worldwide Safety Contest

The latest National Safety Council bulletin shows that in 1972 — again — Lago is No. 1 in the Council's petroleum safety contest. This means that Lago was the refinery with the lowest number of disabling injuries (per million manhours worked) in 1972 among the major refineries worldwide.

Lago's management is very pleased with this achievement as it proves that the company was the safest refinery during the past year. The company's president, Mr. R. L. Trusty, said: "This record could only have been achieved through the efforts and constant safety awareness of our employees, a fact of which we are proud."

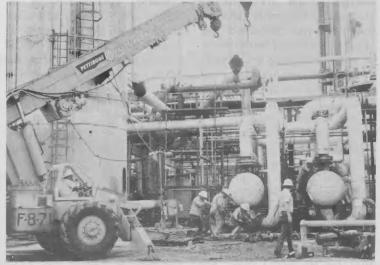
A plaque to commemorate Lago's First Place Award will be presented soon to the company by the National Safety Council.

The company has earned first place in the annual contests conducted by the National Saf-

ety Council on ten previous occasions since it became a member of the Council in 1939. The first time was in 1949 and the most recent was in 1971. It has also won second place a total of eight times during this same period.



The National Safety Council based in Chicago, U.S.A., is a privately supported, non-governmental, public service organization chartered by the United States Congress. Its main purpose is the prevention of accidents on and off the job — in industry, on the farm, at home, on the road and at play.



Here are a few of the Metal Tradesmen and Equipment Operators who worked around the clock on the D2AR (see page 3).

Aki ta algun di e Metal Tradesmen y Operador di Equipo cu a traha 24 ora pa did na Planta D2AR (mira pagina 3).

equipo pa hiza materialnan pisá y liher y na gran altura.

Un obra cu a pidi capacidad especial tabata pa kita un capa di catalista ariba dos reactor den un atmosfera sin presion, y carga varios mil liber di catalista den cada reactor. E trabao aki tabata den man di un grupo (Continuá na pagina 3)



Lago Oil & Transport Co., Ltd



Editor: A. Werleman

Assoc. Editor: Miss L. I. de Lange

Photographer: J. M. de Cuba

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# Central Controlhouse Outgrows Capability After $4^{1}/_{2}$ -Yr. Operation

Lago's Central Controlhouse was originally designed to control all refinery units. Two years after its completion the control panels for HDS-1 units were added without expanding the building. However, with the addition of the present HDS-II units, expansion of the CCH became necessary.

The new CCH is double its previous size, fully airconditioned and provided with a fire detection and alarm system. It is estimated to be completed this month. The new expanded CCH is now housing six process computers, including the new DDC-4 which was moved to its final location in the new wing on February 22. This new computer was transported by boat from the U.S.A. to Aruba in an airconditioned van. This means that between loading at the manufacturer's plant and unloading at Lago this equipment was untouched and in a fully controlled enrivonment. In addition to being economical, this type of transportation provided the highest degree of protection for the computer, which is an extremely delicate and sophisticated electronic instru-

The new DDC-4 computer is the third addition to the computer process control system. The first three process computers were installed in May, 1968 for the refinery units. Two other computers arrived in November, 1970 for the HDS-I units, and the new DDC-4 is being installed to control the HDS-II units. In addition, there are two more process computers at Lago to control oil movements. These are located in the Oil Movements Control Center.

The new HDS-II computer is identical to the previous two systems. It will be maintained by

the same GE technicians who take care of the existing system.

In addition to the new HDS-II desulfurization units, the new DDC-4 computer will also handle the HDS-I units, as control of both HDS-I and HDS-II units will be consolidated in the new wing of the Central Controlhouse.

All three hydrogen plants, the existing two units of HDS-I and the new one of HDS-II, will be controlled by the DDC-3 computer.

The design specifications for the new computer and extension of the Central Controlhouse were developed by C. O. Persons of MCS. The software was assembled by B. L. Nelson of MCS. Last January, the new DDC-4 computer was checked at the manufacturer's plant in Phoenix, Arizona, by R. R. Amaya and F. Bikker of the Instrumentation Section and B. L. Nelson of MCS.

Consolidation of controls for HDS-I and HDS-II units and modifications for some of the refinery units are handled by R. Clyde Persons Accepts Position With Esso Research & Engineering

Clyde O. Persons, presently in Lago's Mathematics Computers & Systems Division, has accepted a position with Esso Research Engineering Company, Florham Park, New Jersey, effective July 23, 1973, where he will be assigned to the Systems Engineering Division of ERE's Technology Department.

Mr. Persons joined Lago's Technical - Process Engineering Division Service Senior Engineer on July 22, 1965. The following year he was promoted to Engineering Associate. In 1968 he became Senior Engineering Associate.

Since 1967, Mr. Persons has been actively involved in the design and installation of the company's process computer systems. As a member of the Technical Department he spent one year at the General Electric Company in Phoenix, Arizona, working on the design of Lago's

original Refining Control Center computer system. He was also a member of the Startup Groups for the Refining Control Center and the Oil Movements Control systems. In 1970, while assigned to the HDS-1 project, he made



C. O. Persons

several trips to Frankfurt, Germany, to work on the instrumentation and computer systems for the new plant.

Since 1971 Mr. Persons has been with the MCS-Technical

(Continued on page 7)

### Capacidad di Controlhouse Aumenta Despues di 4<sup>1</sup>/<sub>2</sub> Anja di Operacion

Lago su Controlhouse Central originalmente a worde disenjá pa controla tur unidad di refineria. Dos anja despues cu el m keda clá, panelnan di control pa unidadnan HDS-1 m worde instalá sin cu mester m haci e edificio mas grandi. Pero awor cu

P. Shelton and F. Bikker who are at present on the HDS-II Startup Instrumentation Team headed by G. M. Stankiewicz

headed by G. M. Stankiewicz

The new DDC-4 computer was transported from factory to its final destination in the Central Controlhouse in a climate controlled van. E computador DDC-4 nobo a ser transporta for di fabrica te na su destinacion final den Central Controlhouse den e van aki den un clima controla.

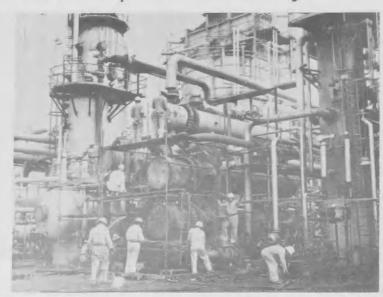
unidadnan di HDS-II a bini acerca, ta necesario pa haci e Controlhouse Central mas grandi.

E CCH nobo ta dobbel di su tamanjo anterior y ta completamente airecondicioná, y tin un sistema pa descubri candela y duna alarma. Compania ta spera di completa e trabao e luna aki. E Controlhouse, cu actualmente ta mas grandi, tin den djé seis computer di proceso, incluyendo e DDC-4 nobo cu a keda instalá den su lugar definitivo den e ala nobo Februari 22. E computer nobo worde transportá cu bapor for di Merca te Aruba den un caha airecondicioná. Esey ta nifica cu desde cu nan m hinké den e caha na fabrica y descargué na Lago, ningun hende por a mishi cu né den su ambiente cu tabata completamente airecondicioná. Fuera di ta economico. e sorto di transportacion ey a percura pa proteccion mas mehor pa e computer, cu ta un instrumento masha hopi delicado v complicá.

E computer DDC-4 nobo ta e di tres cu ta bini cerca sistema computer pa control di proceso instalà na Mei 1968

(Continuá na pagina 6)

#### Teamwork, Skills of Many Achieve D2AR Turnaround in Record Time



Metal tradesmen working at various levels at the Heavy Vacuum Gas
Oil Hydrodesulfurization Unit 26 (D2AR).

Artesanos Metal trahando na varios nivel ne e planta Desulfurador di Gas Oil Pisa, Unidad 26, tambe yamá D2AR.

#### Reparacion di D2AR

(Continuá di pagina 1)

especialmente entrenà y equipà di "California Catalyst." Pa sigura condicion satisfactorio di e capanan di catalista, ingenieronan di Ingenieria di Proceso tambe a drenta e reactornan.

Supervisornan di Mechanical encargá cu e revision general aki tabata: D. Leest, E. Croes, E. de Mey, E. Ruiz, S. Molina, J. Werleman, Th. Ruiz y I. Schwengle. Coordinadornan tabata I. Donata y D. V. Croes, huntu cu K. H. Brook como planeador y Supervisor di Distrito E. A. Halley dirigiendo e grupo

This is one of the groups of Boilermakers, Tinsmiths and Welders who worked us the fabrication of some forty scale baskets of various sizes to speed up the D2AR turnaround. Others not in picture worked in other shifts.

Esaki la uno di e gruponan di Bollermaker, Tinsmid y Welder kende a traha ariba fabricacion di cuarenta "scale baskets" di varios tamanjo pa acelera e reparacion di e planta D2AR. Otronan cu no la den e portret a traha den otro wardanan. di distrito di Construccion y Revision General. Direccion di Proceso durante di e revision general a bini for di Foreman di HDS W. P. Eagan y S. O'Mara.

Den un carta dirigi na tur participantenan di D2AR, Joe Carroll a expresa su aprecio na tur cu tabata envolví den e obra: "Mi ta aprecia principalmente e actitud cooperativo y positivo di tur esnan cu a participa na e grupo di e revision general."

An excellent demonstration of what teamwork, planning and skills can achieve was demonstrated with the recent turnaround of the Heavy Vacuum Gas Oil Hydrodesulfurization Unit 26 (D2AR) in record time: 6 days (from oil out to oil in).

The approach of a turnaround team brought about the cooperation of men from Process-HDS, Mechanical's Planning, Turnaround and Shop Forces, Mechanical Engineering, Materials and Technical-Process Engineering divisions' personnel and the nine-man specialized group of the California Catalyst Company. They worked long hours and extra shifts to accomplish this turnaround, which was under general direction of Turnaround Coordinator Joe Carroll.

Following a very effective, efficient and smoothly implemented shutdown of the unit, each member of the team was assigned a specific task with target dates for completion of each job. Using a Critical Path schedule, the progress of each job was closely followed.

The work accomplished required three shift coverage, and included replacing two exchanger bundles with titanium bundles, pulling and cleaning three other tube bundles, and retubing one bundle; decoking the furnace, and servicing the compressor. The E.I.S. personnel were also on hand to inspect materials and equipment.

Some of the work the fortyfive Mechanical tradesmen carried out required special efforts, such as tightening large bolts on the heads of the exchangers to withstand a test of 1100 lbs. The Mechanical tradesmen also did preparatory work to erect scaffolds and operated heavy and light lifting equipment.

A job requiring special skills was the removal of the top crust of catalyst from the two reactors in an inert atmosphere, and loading several thousand pounds of catalyst into each reactor. This was handled by a specially trained and equipped team of "California Catalyst". To assure satisfactory condition of the catalyst beds, engineers of Process Engineering also entered the reactors.

The Mechanical supervisors assigned to this turnaround were: D. Leest, E. Croes, R. de Mey, E. Ruiz, S. Molina, J. Werleman, Th. Ruiz and I. Schwengle. Coordinators were I. Donata and D. V. Croes, with K. H. Brook as planner and Zone Supervisor E. A. Halley directing the Construction & Turnaround Zone team. Process direction during the turnaround was provided by HDS Process Foremen W. P. Eagan and S. O'Mara.

In a letter Joe Carroll commended all D2AR Turnaround participants: "I particularly appreciate the cooperative and positive attitude of all participants of the turnaround team."





This Is one of the groups of Metal Tradesmen who were especially assigned to retube the bundles needed for the D2AR turnaround.

E grupo nki ta uno di m gruponan di Artesanos di Metal kende tabatin m trabao special pa runoba m tubonan di e bundienan pa e reparacion di Planta D2AR.

### Lago Was Host to Kingdom Commission from Holland-Surinam-Antilles March



During their 4-hour visit to Lago, the Kingdom Commission delegates and a slide presentation on Lago given by Lago's PR Manager M. H. Henriquez (above). Subsequently, they were entertained at the Esso Club and were taken on a refinery tour.

Durante nan bishita di 4 ora na Lago, e delegados di Comision di Reinado a mira un presentacion di slides tocante Lago duna pa Gerente di PR M. H. Henriquez (aki riba). Despues nan a www hospeda na Esso Club y luego a bishita refineria.



M the Esso Club: (I to r) Lago's ston, III. J. M. G. Evertsz (Curaçai Trusty, and Prof. Mr. W. F. . G



Lago's Comptroller T. J. Keevan (at right) conversing with Dutch delegates Mr. A. de Goede (at left) and Mr. Geurt-



Lago's Process Manager T. R. Burton (at left) in conversation with Prof. W. F. and Gaay Fortman (Holland).



Professor H. Jeukens,



Prof. Mr. M. Bos (Holland-center), with Lago's Man-Stenfert Kroese.



(L to r) Mr. W. Duk of the Dutch Justice Department ager K. L. Weill (left) and Lago's Legal Adviser J. C. in conversation with Lago's IR Manager F. S. Francis (at right).



### Lago a Recibi Comision di Reinado Hulanda-Surinam-Antillas Maart 21



lorri R. L. (Holland).



(L to r) Mr. G. F. Croes (Aruba), President R. L. Trusty, Mr. P. Fransman (Surinam), and Professor J. van der Hoeven (Holland) with Lago's Assistant General Manager R. C. Bergfield.



(L to r) Messrs. C. A. Bos (Holland), A. Jubithana (Surinam), Lago's Mechanical Manager W. Terrell, and Mr. R. van Ritter (Surinam).



Illiams with the Dutch







### **Aruba Jaycees Hold Information Session for Students and Parents March 25**



Jaycees President Juan Noguera of Lago's MCS Division addresses parents and students during the first information session on education and professional requirements held in Bonaire Club on March 25 under direction of JC Seminar Director Roy van Putten.

Presidente di Jaycees Juan Noguera di Lago su MCS Division ta papia cu mayornan y estudiantes durante e promer sesion informativo tocante educacion y profesion teni den Club Boneriano Maart 25 bao direccion di Director di Seminar Roy van Putten.

#### Jaycees a Tene Sesion Informativo Pa Estudiante y Mayornan Maart 25





Speakers during the information session were (at left) Deputy Rudy Frank, Education Inspector F. B. Tromp (above, left), Lago's Training Adviser Carlos de Cuba (center) and Dr. Professor Wim Driessen.

#### Computer Nobo pa Controlhouse

(Continuá di pagina 2)

pa unidadnan di refineria. Dos otro computer a yega na November 1970 pa unidadnan HDS-I, y awor e DDC-4 nobo ta worde instalá pa control di unidadnan HDS-II. Fuera di esakinan, tin dos computer di proceso mas na Lago, pa controla movemento di zeta. Eseynan ta den Centro di Control di Oil Movements.

E computer nobo pa HDS-II ta identico na e dos sistemanan anterior. E mes tecniconan di GE cu ta mantene e sistema actual lo mantene e sistema nobo.

Fuera di e unidadnan nobo di HDS-II, m computer DDC-4 nobo tambe lo atende cu unidadnan HDS-I, ya cu control di tur dos unidad desulfurador HDS-I y HDS-II lo worde consolidá den e ala nobo di e Controlhouse Central.

Tur tres planta di hidrógeno, e dosnan cu ta existi pa HDS-I y esun nobo pa HDS-II, lo worde controlá door di e computer DDC-3

Specificacion di disenjo pa e computer nobo y extension di e Controlhouse Central a worde desarojá door di C. O. Persons di MCS. Otro partinan ■ worde armá door di B. L. Nelson di MCS. Na Januari e anja aki e computer DDC-4 a worde gecheck na su fabrica na Phoenix, Arizona, door di R. R. Amaya y F. Bikker di Seccion di Instrumentacion y B. Nelson di MCS.

Consolidacion di controlnan pa HDS-I y HDS-II su unidadnan y cambionan pa cierto unidadnan di refineria a worde tratá

#### **Deceased Annuitants**

CAREL B. PONSON died in Aruba at age 68 cm November 25, 1972. He had been employed in the Process-Cracking & Lt. Ends Department. He retired on December 1, 1963 after more than 30 years of service.

SAMUEL E. R. TULLOCH died in Aruba Movember 30, 1972

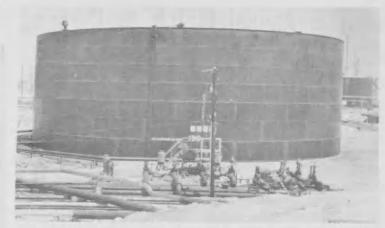
at age 71. He had been employed in Mechanical-Storehouse
until August 1, 1960 when he retired after more than 29 years
of service.

JUSTUS C. FRASER died in Trinidad on December 2, 1972 at age 61. He was employed in the Process-Oil Movements Division. He retired on January 1, 1966 after 28 years of service.

FAUSTINO CROES died in Aruba on December 12, 1972 at age 71. He had been employed in the Mechanical-Yard, from where he retired in October 1959. He had 15 years of service with the company.

door di R. P. Shelton y F. Bikker, kende actualmente ta forma parti di e grupo di instru-

mentacion pa start e planta HDS-II, di cual grupo G. M. Stankiewicz ta hefe.



In this tank water from several crude tanks is collected first before being conducted to the separators. The new crude tank dewatering system assures that clean water will go into the harbor.

Den e tanki aki, awa for di varios tanki di crudo la em colectá promer di ser hibá pa e separadornan. E sistema nobo pa saka awa for di tanki di crudo ta asegura cu awa limpi ta bai den haaf.

#### New Dewatering System Helps Keep Harbor Clean, Reduces Oil Loss

Another effort by Lago to help keep our harbor clean and to reduce oil loss is the introduction of the new dewatering system for several crude oil tanks. Instead of letting the water drained from tanks go directly to the sewers and then to the separators, the water is now allowed first to collect and settle into Tank 180, which has a capacity of 60,000 barrels. From this tank, clean water flows to the separators and into the harbor.

The first tanks tied into the system were the four largest crude tanks Nos. 913, 914, 760 and 761 (total capacity 1.9 million barrels). Later, in a second phase of the project, ten smaller crude tanks will be connected to Tank 180.

In addition to its environmental control aspect, the new system also provides a more efficient and rapid way of crude dewatering.

In Tank 180, separation of oil and water is achieved by natural settling; the water remains at the bottom and the oil collects at the top. The oil is then recovered via a floating suction by a new oil recovery pump which returns the oil to crude tankage.

Another feature of the new system is that the water is continually drawn off from the bottom of the tank via an overflow line.

The new system was developed and designed by Bert de Cuba of Technical-Process Engineering, who is now assigned to Process-Oil Movements. Later he also designed the second phase of the project. The cost of the entire project will be approximately Fls. 150,000. The new system is operated by Julio Kelly of Oil Movements, who is charged with crude tank dewatering.

Recently, Jan Smeets of Process Engineering made survey which confirms the effectiveness of the first phase of the crude drainage facilities. Engineering work is now in progress on the second phase under direction of Ty Wong of Mechanical-Project Engineering Section.

#### Clyde Persons ...

(Continued from page 2)
Section. He recently completed a five-month assignment at the Arthur G. McKee Company in Cleveland, Ohio, in connection with the HDS-II project and the computer and instrumentation changes in the expanded Refining Control Center.

Mr. Persons worked six years

with the Creole Petroleum Corporation's Eastern Division in Jusepin and Caripito, Venezuela, before coming to Aruba. He is a 1956 B.S. graduate in Electrical Engineering from the University of Minnesota. In 1963 he obtained his master's degree in Instrument Engineering from the University of Michigan.

#### Lago Ta Anota Otro Promer Lugar Den Concurso Mundial di Seguridad

E ultimo boletin di Conseho Nacional di Seguridad ta proba cu na 1972 — un bez mas — Lago a resulta No. 1 den ≡ concurso mundial den industria petrolera. Esey ta nifica cu Lago tabata e refineria cu e menos cantidad di desgracia cu ≡ causa perdida di tempo (calculá pa miljon di oranan trahá), na 1972 entre e refinadornan major den mundo.

Lago su gerencia ta altamente contento cu e resultado favorabel aki, ya cu e ta proba cu compania tabata di mas seguro den henter anja pasá. President di compania, Sr. R. L. Trusty a nota: "E record aki por a worde alcanzá solamente pa via di esfuerzonan y constante alerto di nos empleadonan den tereno di seguridad, di cual nos ta orguyoso."

Un plaqueta cu ta conmemora Lago su Promer Premio lo worde entregá pronto na Compania door di Conseho Nacional di Seguridad.

Compania i jega di gana promer premio den concursonan anual di e Conseho Nacional di Seguridad na diez ocasion anterior, desde cu Lago a bira miembro di Conseho na 1939. Di promer bez esey i socede na 1949, y mas recientemente na 1971. Tambe el a gana di dos premio un total di ocho bez durante e mes periodo.

Conseho Nacional di Seguridad tin su oficina central na Chicago, Merca, y ta un organisacion sostené door di esfuerzonan privá, sin ningun relacion cu gobierno, como un organisacion di servicio publico cu un carta constitutiva di Congreso di EE.UU. Su proposito principal ta: prevencion di desgracia, tanto na trabao como pafor di trabao — den industria, na cas, ariba caminda y durante recreo.

#### Sistema di Saka Awa for di Tanki Di Crudo Ta Yuda Tene Haaf Limpi

Otro esfuerzo di parti di Lago pa tene haf limpi y reduci perdida di azeta ta introduccion di un sistema nobo pa saca awa for di azeta crudo den varios tanki pa crudo. Envez di laga awa cu ta worde sacá for di tankinan bai directamente den rioolnan y di eynan pa e separadornan, e awa ta pasa promer pa tanki 180 caminda e ta zink den bom di e tanki ey cu tin un capacidad di 60,000 baril. For di e tanki anto awa limpi ta pasa pa e separadornan y den haf.

Promer tankinan conectá cu e sistema ta cuater di m tankinan di mas grandi pa warda azeta crudo aden, esta numbernan 913, 914, 760 y 761 (cu un capacidad total di 1.9 miljon bāril). Despues, den segundo fase di projecto, diez tanki pa crudo mas chiquito lo worde conectá na tanki 180.

Fuera di e aspecto cu e ta yuda tene ambiente limpi, sistema nobo tambe ta percura pa separacion mas rapido y eficaz di awa for di azeta crudo.

Den tanki 180 separacion di azeta for di awa ta tuma lugar como cu awa cu ta mas pisá ta zink den bom di e tanki caminda e ta keda, mientras cu azeta ta bai drief ariba awa. Azeta cu ta drief riba awa ta worde sacá for di e tanki pa medio di un pomp nobo cu ta chupé afor y pasa e azeta pa tankinan di crudo.

Un otro caracteristica di e sistema nobo ta cu e awa ta worde sacá continuamente for di bom di e tanki pa medio di un tubo den e tanki.

E sistema nobo a worde desaroyá y disenjá door di Bert de Cuba di Technical-Process Engineering, kende actualmente ta traha cu Process-Oil Movements. Despues e mes a disenjá e 2do fase di e projecto. Costo di henter proyecto lo bira f. 150,000. E sistema nobo ta worde operá door di Julio Kelly di Oil Movements, kende ta encargá cu drainmento di awa for di azeta crudo.

Recientemente Jan Smeets di Process Engineering a haci un estudio, cual ta confirma eficacia di e promer fase di facilidadnan pa saca awa for di azeta crudo. Trabao di ingenieria awor ta progresando bao direccion di Tai Wong di Mechanical.

### Aruba Golf Club Defeats Curacao Team in Annual Match in

On the weekend of March 24-25, the Shell Golf Club of Curaçao was host for the annual Aruba-Curação team golf match. The Aruba Golf Club became the winner by a score of 291/2-241/2. In this two-day event, each club fielded male team of twelve golfers plus two alternates.

The first day's play consisted of six 18-hole four-ball, better ball matches using full handicaps. On the second day, there were twelve 18-hole singles matches.

Scoring is by the Nassau system, giving a total of 54 points to be contested. The teams selected were the lowest handicap golfers from each club and this year they consisted of:

#### Aruba Team:

Carlos Kwidama Ronnie Brown Pedro Quant Rev Rasmiin Ev Kock Mario Briezen Dick Heywood Jack Nanney Ron Smith (captain) Dave Schmehr Mario Rasmijn **Gary Barrett** Bill Solognier John Birkes

Curação Team:

Les den Ouden

Fritz Zingel Pierre Iluis Jan van Luyn Bernhard Dalenoord (captain) Frits Gossink Kees Hartog Walter Tjon Kees de Wit Ton Zürcher Lex Oelrich John Bolee Charles Aars Daan Vermolen

Individual prize winners were:

Carlos Kwidama Ron Smith Jack Nanney Dave Schmehr Pedro Quant John Birkes

- 18 holes low gross - 1st day (79) - 18 holes low net - 1st day (70) - 18 holes low gross - 2nd day (76) - 2nd day (66) - 18 holes low net - 36 holes low gross (157)- 36 holes low net

The main team prize, shown in the photograph below, being handed over by Aruba's team captain to the Aruba Golf Club's Sports Director Earl Cook, is challenge cup donated by Shell and Lago. The annual event dates back to 1941 when the first

trophy was donated by the late Lago President Lloyd G. Smith and Shell General Manager J. Noorduyn. The current trophy was donated in 1957. It has been won seven times by Curação and twelve by Aruba, including the last four.

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The winning Aruba team: (I to r) Carlos Kwidama, John Birkes, Ev Kock, Dick Heywood, Ron Smith handing cup to Sports Director Earl Cook, Jack Nanney, Bill Solognier, Rey Rasmijn, Pedro Quant, Mario Briezen, and Ronny Brown. Team members not in picture are Gary Barell and Dave Schmehr. E team ganador di Aruba di e Torneo di golf entre Aruba y Corsow (r pa d): Carlos Kwidama, John Birkes, Ev Kock, Dick Heywood, Ron Smith entregando copa na Director di Sports di Aruba Golf Club Earl Cook, Jack Nanney, Bill Solognier, Rey Rasmijn, Pedro Quant, Maria Briezen, y Ronny Brown. Miembros di team no presente ta: Gary Barrett p Dave Schmehr.



On March 23, 1973, the Roll-on, Roll-off Pier was delivered to the Aruba Government. It can also be used as a Ferry Pier and has facilities for marine hoist. The project was built in five months by Interbeton B.V. for the contract sum of Fls. 268,660. The project was carried out in connection with the ferry service between Aruba and Venezuela, which will probably be inaugurated on July 26, 1973. The new facility is built at the Gerard Pier in the Oranjestad Harbor.



Ariba Maart 23, 1973, m Roll-on, Roll-off Pier m ser entregá ma Gobierno di Aruba. E pier por ser usá como un Ferry Pier y tin facilidadnan tambe pa un "marine hoist". E proyecto a ser construi den cinco luna door III Interbeton B.V. pa e suma contrata di FIs. 268,660. ■ proyecto ■ ser ehecuta en coneccion cu e servicio di ferry entre Aruba y Venezuela, cual probablemente lo ser inaugura ariba Juli 26. E facilidad nobo ta trahá na Gerard Pier den Haaf di Oranjestad.